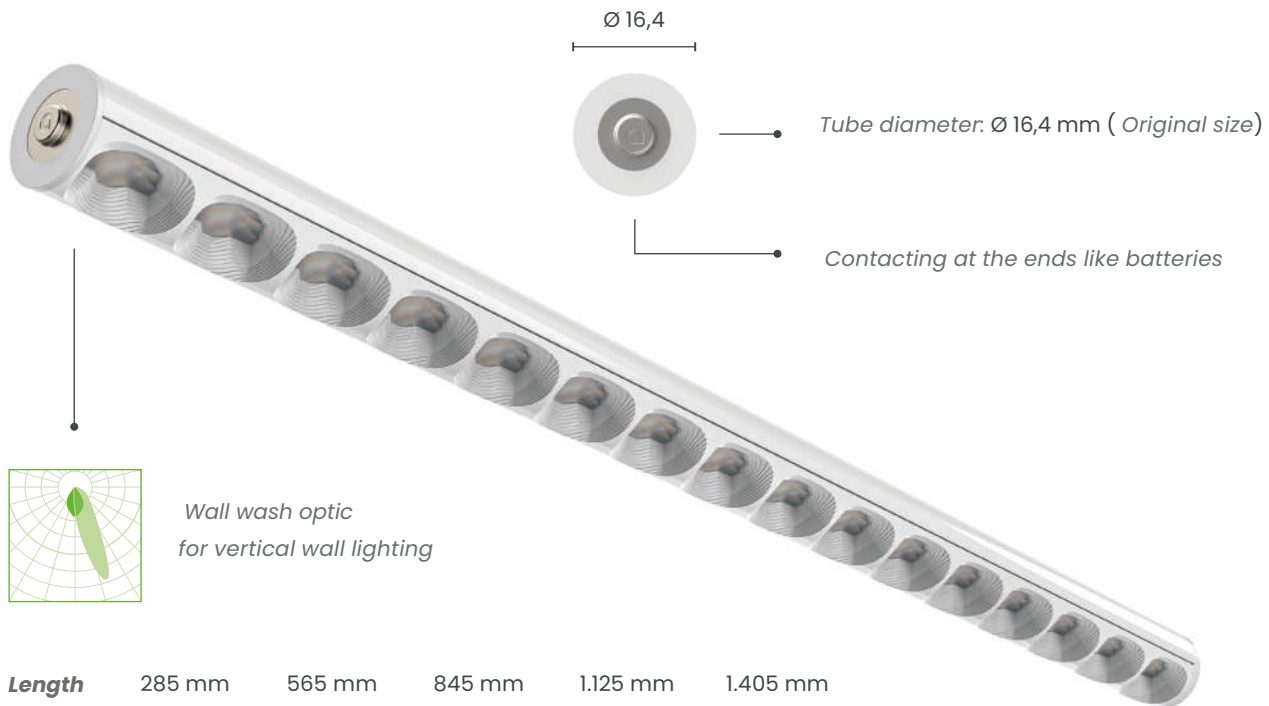


# LTwo® BATTERY – wall wash

## constant voltage 48V – 20 watt/m



<b>Length</b>	285 mm	565 mm	845 mm	1.125 mm	1.405 mm
<b>Power</b>	5,8 W	11,7 W	17,5 W	23,3 W	29,2 W
<b>Lumen</b>	684 lm	1.369 lm	2.053 lm	2.737 lm	3.422 lm

### Product description

LTwo® BATTERY – Light Tube with Optics and battery con-tacts. Wall wash optic with max. 3,422 lumen, based on the modular, miniaturised LTwo® light source/luminaire system with 13 high-quality precision optics and extensive accessories for all lighting applications.

Like batteries, the electrical connection is made at the ends using inexpensive and commercially available battery connectors. This makes it particularly easy to replace the LTwo® BATTERY without tools. 360° freely rotatable for ideal alignment and maximum flexibility.

Very environmentally friendly due to minimal use of material (181 g/m), interchangeability, recyclability and high efficiency (up to 193 lm/W). Ideally suited for building and material integration as well as the construction of luminaires or use with a wide range of accessories from apl.

## Product features



Legende / Legend

### Dimensions

Ø 16,4 mm

### Length

285 mm, 565 mm, 845 mm, 1.125 mm, 1.405 mm

### Weight

54 g, 106 g, 158 g, 210 g, 262 g

### Housing colour

Weiß / White (WW, RAL9016) & Schwarz / Black (BB, RAL9005)

### Wattages

5,8 W; 11,7 W; 17,5 W; 23,3 W; 29,2 W

### Lumen @ 5.000 K

684 lm, 1.369 lm, 2.053 lm, 2.737 lm, 3.422 lm

### Efficiency

117,3 lm/W (WW), 112,4 lm/W (BB)

### Light distribution

Wall wash asymmetrical

### LED quantity

16 per 280 mm

### LED Pitch

17,5 mm

### CCT / CRI

2.700 K, 3.000 K, 3.500 K, 4.000 K (>90), 5.000 K (>80)

### Binning

3 SDCM

### Lifetime

60.000 h L80B10

### Application

Ideal for a uniform illumination of a wall across the entire height and width.

### Protection

IP40 ( Indoor use only)

### Risk group (IEC 62471:2006)

RG 0 (2.700 K – 4.000 K) | RG 1 (5.000 K)

### Operating mode

Constant Voltage (CV)

### Dimmable

Yes

### Operating voltage 48 V DC -1,0 / +1,75

### Housing temperature (T<sub>c</sub>)

min. -20°C / max. +80°C

### Ambient temperature (T<sub>a</sub>)

min. -20°C / max. +40°C

### Storage temperature (T<sub>s</sub>)

min. -20°C / max. +85°C

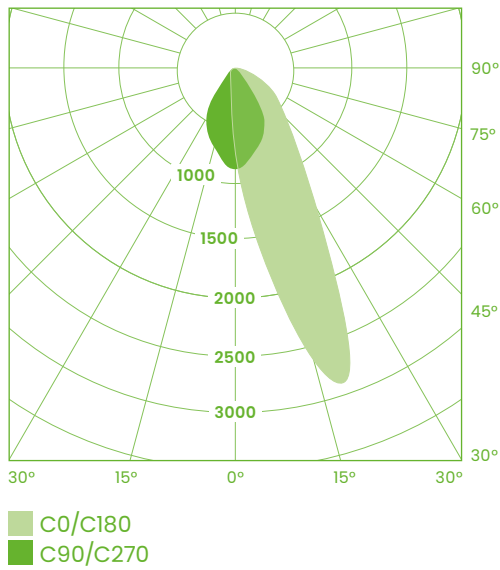
## Length, lumen, watt

CRI	CCT / Kelvin	Farbe / Color	285 mm 5,8 W	565 mm 11,7 W	845 mm 17,5 W	1.125 mm 23,5 W	1.405 mm 29,2 W	lm/W
>90	2.700 K	white	530 lm	1.060 lm	1.590 lm	2.120 lm	2.650 lm	90,9
		black	507 lm	1.015 lm	1.522 lm	2.030 lm	2.537 lm	87,0
>90	3.000 K	white	538 lm	1.076 lm	1.614 lm	2.152 lm	2.691 lm	92,3
		black	515 lm	1.031 lm	1.546 lm	2.061 lm	2.576 lm	88,4
>90	3.500 K	white	546 lm	1.092 lm	1.639 lm	2.185 lm	2.731 lm	93,7
		black	523 lm	1.046 lm	1.569 lm	2.092 lm	2.615 lm	89,7
>90	4.000 K	white	571 lm	1.141 lm	1.712 lm	2.282 lm	2.853 lm	97,8
		black	546 lm	1.093 lm	1.639 lm	2.185 lm	2.732 lm	93,7
>80	5.000 K	white	684 lm	1.369 lm	2.053 lm	2.737 lm	3.422 lm	117,3
		black	655 lm	1.311 lm	1.966 lm	2.621 lm	3.276 lm	112,4

Optical and electronic data have a tolerance of ±10 %.

The TC point must be measured at thermal equilibrium in accordance with IEC EN 60598-1

## Light distribution



LTwo® BATTERY schwarz / black – wall wash, 565 mm

### Application

Ideal for a uniform illumination of a wall across the entire height and width.

## Order code

Product	OP	NP	Optic	L	PC	C	LH	IP
APL-LTwoT5	CV	20	10				BC	IP40
				285	927	BB		
				565	930	WW		
				845	935			
				1125	940			
				1405	850			

**OP** = Operating mode  
 CV = Constant Voltage  
 CC = Constant Current  
**NP** = Nominal power per m (W/m)  
 12-25 = 12 W/m | 20 W/m | 25 W/m  
**Optic** = Optic (Degree)  
 10-60 = 10° HB | 13° | 25° | 40° | 60°  
 BWN | BWW = Batwing narrow | Batwing wide  
 OVL | WW = Oval | Wall washer  
 OP | DF | CL = Opal | Diffuse | Clear

**L** = Length (mm)  
 145-1405 = 145 mm | 85 mm | 65 mm | 45 mm | 125 mm | 405 mm  
**PC** = Photometric code  
 927-950 = CRI >90 | CRI >80 | 2.700K | 3.000K | 3.500K | 4.000K | 5.000K  
**C** = Housing colour  
 BB | WW = Black | White  
**LH** = Luminaire holder  
 BC = Battery contact  
**IP** = Protection class  
 IP40 = Indoor use only



Under the following link you will find the tender specification for the product:

<https://apl.ag/products/>

## General information about LTwo® applications and accessories

LTwo® is a highly innovative and disruptive light source with a modular character that allows you to use existing accessories, future accessories or accessories developed specifically for your project to open up all kinds of lighting applications, from decorative and accent lighting to task lighting and sophisticated museum lighting or the illumination of concert halls and auditoriums, for example.

LTwo® is available in different lampholder types and connection options. The variant with the magnetic lampholder LTwo® MAG offers the most versatile installation accessories. The product can be easily assembled, swivelled in the lampholder by  $\pm 20^\circ$  and held in place with a safety lock. A purely mechanical lampholder (LTwo® MCH) is currently in the design phase. A battery-like lamp holder (LTwo® BATTERY) offers a very cost-effective solution for OEM designs. LTwo® PENDANT is available as a pendant luminaire with current-carrying suspension wires. The 8 mm snap connector with IP67 protection is used for the LTwo® OUTDOOR luminaire.

### LTwo® MAGNETIC



### LTwo® BATTERY



### LTwo® PENDANT



### LTwo® OUTDOOR

